

**FULBRIGHT & JAWORSKI L.L.P.**

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**FACSIMILE TRANSMISSION****DATE:** January 11, 2005**MATTER NUMBER:** 10104086

UTXC:569USC1

<b>RECIPIENT:</b>	<b>FAX No.:</b>	<b>PHONE No.:</b>
Examiner Alex Noguerola GAU 1753	571/273-1343	

**FROM:** Martha A. Robinson**USER ID:** 10031 **FLOOR:** 20**PHONE:** (512) 536-5616**FAX:** (512) 536-4598**RE:** CUSTOMER NO. 32425, Designation of Patent Practitioner and Power of Attorney**NUMBER OF PAGES WITH COVER PAGE:** 10 **Originals Will Not Follow****Message:**

Enclosed is a copy of the Power of Attorney that you requested for U.S. Application No. 09/902,933 entitled METHOD AND APPARATUS FOR PROGRAMMABLE FLUIDIC PROCESSING by Frederick F. Becker et al.

**CAUTION - CONFIDENTIAL**

THE INFORMATION CONTAINED IN THIS FACSIMILE IS CONFIDENTIAL AND MAY ALSO CONTAIN PRIVILEGED ATTORNEY-CLIENT INFORMATION OR WORK PRODUCT. THE INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHOM IT IS ADDRESSED. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY USE, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THE FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE U.S. POSTAL SERVICE. THANK YOU.

**IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL  
MARTHA ROBINSON AT 512/536-5616 AS SOON AS POSSIBLE.**

**PATENT  
CUSTOMER NO. 32425**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Frederick F. Becker et al.

Serial No.: 09/902,933

Filed: July 10, 2001

For: METHOD AND APPARATUS FOR  
PROGRAMMABLE FLUIDIC PROCESSING

Group Art Unit: 1753

Examiner: Alexander Stephan Noguera

Atty. Dkt. No.: UTXC:569USC1

**DESIGNATION OF PATENT PRACTITIONERS NAMED  
IN THE POWER OF ATTORNEY**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is submitted to identify which patent practitioners named in the attached Power of Attorney are to be recognized by the Office as being of record in the above-captioned application. The following eight (8) patent practitioners listed in the attached Power of Attorney should be designated as being of record in this application:

David D. Bahler, Reg. No. 30,932;  
David L. Parker, Reg. No. 32,165;  
Mark B. Wilson, Reg. No. 37,259;  
Steven L. Highlander, Reg. No. 37,642;

Robert E. Hanson, Reg. No. 42,628;  
Michael C. Barrett, Reg. No. 44,523;  
Mark T. Garrett, Reg. No. 44,699;  
Gina N. Shishima, Reg. No. 45,104

Respectfully submitted,

*Michael C. Barrett*

Michael C. Barrett  
Reg. No. 44,523  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
512.474.5201  
512.536.4598  
Date: January 11, 2005

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
FREDERICK F. BECKER, ET AL.

Serial No.: 09/249,955

Filed: FEBRUARY 12, 1999

For: METHOD AND APPARATUS FOR  
PROGRAMMABLE FLUIDIC  
PROCESSING

Group Art Unit: 1743

Examiner: A. NOGUEROLA

Atty. Dkt. No.: UTXC:569

**REVOCATION AND SUBSTITUTE POWER OF ATTORNEY**  
**PURSUANT TO 37 C.F.R. §§ 3.71 and 3.73(b)**  
**AND CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth on the attached Power of Attorney, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

CERTIFICATE OF MAILING 37 C.F.R. § 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below:	
<u>5/24/87</u> Date	<u>Steven L. Hightlander</u> Steven L. Hightlander

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**REVOCATION AND SUBSTITUTE POWER OF ATTORNEY**  
**PURSUANT TO 37 C.F.R. §§ 3.71 and 3.73(b)**  
**AND CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Cullen M. Godfrey, Vice Chancellor and General Counsel, certify that the BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, is the assignee of the entire interest in each of the below-referenced U.S. patent applications. Documentary evidence of chain of title from the original owner to the BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, has been filed with and recorded by the United States Patent and Trademark Office at each of the below-referenced Reel and Frame numbers.

The evidentiary documents referred to in the instant Revocation and Power of Attorney have been reviewed by the undersigned; and it is certified that, to the best of the knowledge and belief of the BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, title is in the BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM.

Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTSC:019	4,663,167	05/05/87	04/16/84	004249/0731
UTSC:041	4,816,570	03/28/89	04/04/86	004537/0328
UTSC:044	5,213,970	05/25/93	04/13/87	006166/0524

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Rec/Frame
UTSC:048	4,812,312	03/14/89	05/01/87	004706/0725
UTSC:050	5,041,581	08/20/91	05/08/95	007476/0484
UTSC:052	4,978,654	12/18/90	01/12/87	004658/0356
UTSC:053	4,863,739	09/05/89	07/23/87	004769/0001
UTSC:056	4,981,690	01/01/91	01/04/88	004876/0393
UTSC:061	4,950,432	08/21/90	10/16/87	004800/0707
UTSC:069	4,927,502	05/22/90	04/03/89	005081/0451
UTSC:072	5,024,934	06/18/91	07/25/88	004926/0939
UTSC:076	4,999,290	03/12/91	05/27/88	004939/0418
UTSC:089	5,117,022	05/26/92	05/08/95	007476/0481
UTSC:092	4,928,830	05/29/90	12/19/88	004996/0991
UTSC:099	5,041,578	08/20/91	11/22/88	005029/0203
UTSC:105	5,221,612	06/22/93	04/17/89	005064/0710
UTSC:112	4,968,788	11/06/90	01/23/89	005028/0251
UTSC:116	5,087,617	02/11/92	03/31/89	005059/0268
UTSC:127	5,055,459	10/08/91	06/20/89	005120/0264
UTSC:189	5,219,548	06/15/93	01/11/91	005566/0209
UTSC:190	5,178,875	01/12/93	06/16/92	006155/0803
UTSC:199	5,262,403	11/16/93	09/24/90	005466/0166
UTSC:202	5,286,739	02/15/94	12/02/91	005931/0190
UTSC:216	5,434,076	07/18/95	11/14/94	007209/0717
UTSC:228	5,186,940	02/16/93	10/07/86	004616/0689
UTSC:229	5,178,876	01/12/93	10/07/86	004616/0689
UTSC:231	5,324,275	06/28/94	10/02/92	006272/0966

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTSC:234	5,128,319	07/07/92	12/06/91	005935/0123
UTSC:236	5,451,789	09/19/95	09/23/93	006696/0988
UTSC:242	6,210,873	04/03/01	01/21/92	005985/0781
UTSC:254	5,353,790	10/11/94	07/20/92	006217/0694
UTSC:256	5,651,964	07/29/97	06/04/93	006733/0834
UTSC:257	5,248,671	09/28/93	03/31/89	005059/0268
UTSC:264	5,319,204	06/07/94	07/13/92	006193/0340
UTSC:265	5,296,466	03/22/94	12/13/93	006796/0308
UTSC:267	07/834,923	02/13/92	12/06/91	005935/0123
UTSC:269	5,187,266	02/16/93	09/08/86	004643/0325
UTSC:275—X	B1 5,362,754	Re-exam Cert 12/21/99	02/04/93	006409/0960
UTSC:281	5,359,031	10/25/94	04/17/89	005064/0710
UTSC:289	5,334,380	08/02/94	09/21/92	006270/0542
UTSC:290	5,538,869	07/23/96	08/19/93	006650/0910
UTSC:297	5,384,127	01/24/95	12/29/92	006386/0248
UTSC:298—1	5,910,309	06/08/99	05/09/96	007931/0280
UTSC:299	5,302,389	04/12/94	10/21/92	006310/0575
UTSC:305	07/945,865	09/16/92	10/26/92	006371/0957
UTSC:308	5,318,962	06/07/94	01/04/93	006368/0921
UTSC:324	5,480,866	01/02/96	07/14/94	007050/0836
UTSC:331	5,603,933	02/18/97	11/04/93	006756/0449
UTSC:335	5,310,653	05/10/94	10/24/89	005167/0602
UTSC:340	5,411,868	05/02/95	01/02/90	005218/0234

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTSC:345	4,983,397	01/08/91	07/10/87	004736/0321
UTSC:346	5,417,978	05/23/95	11/03/93	006795/0267
UTSC:358	5,409,467	04/25/95	12/28/93	006837/0360
UTSC:360	5,728,377	03/17/98	01/05/94	006816/0996
UTSC:364	5,641,484	06/24/97	03/14/94	006929/0498
UTSC:369	5,393,909	02/28/95	11/19/92	006358/0083
UTSC:374—1	5,696,081	12/09/97	03/05/96	007984/0901
UTSC:380	5,674,836	10/07/97	12/13/93	006796/0308
UTSC:380—1	5,900,403	05/04/99	12/13/93	006796/0308
UTSC:380—3	6,103,690	08/15/00	12/13/93	006796/0308
UTSC:390—1	08/403,459	03/14/95	07/10/95	007543/0875
UTSC:392—1	5,830,498	11/03/98	07/31/98	009369/0955
UTSC:392—2	5,965,158	10/12/99	07/31/98	009369/0955
UTSC:394	5,681,846	10/28/97	05/08/95	007481/0008
UTSC:399	5,773,215	06/30/98	03/17/95	007605/0760
UTSC:401	5,453,623	09/26/95	08/26/94	007107/0698
UTSC:410	5,766,899	06/16/98	05/12/95	007488/0539
UTSC:414	5,902,604	05/11/99	10/30/95	007760/0723
UTSC:416	5,643,567	07/01/97	09/19/94	007143/0066
UTSC:421	6,107,457	08/22/00	08/07/95	007581/0608
UTSC:424—1	5,811,119	09/22/98	06/16/92	006155/0805
UTSC:424—2	6,200,597	03/13/01	06/16/92	006155/0805
UTSC:427—X	90/005,267	Re-exam 02/19/99	08/02/99	010133/0052

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTSC:431	5,434,256	07/18/95	11/07/94	007194/0256
UTSC:433	5,855,911	01/05/99	01/04/96	007990/0919
UTSC:433—1	6,042,846	03/28/00	01/04/96	007990/0919
UTSC:440	5,653,974	08/05/97	03/09/95	007374/0584
UTSC:468	5,814,315	09/29/98	09/19/94	007143/0066
UTSC:484	08/809,021	03/19/97	03/19/97	009434/0716
UTSC:500	5,922,688	07/13/99	04/08/97	008451/0485
UTSC:500—1	6,172,212	01/09/01	04/08/97	008451/0485
UTSC:503—1	08/730,910	10/18/96	03/06/97	008385/0538
UTSC:509	5,843,475	12/01/98	04/14/97	008476/0847
UTSC:516	08/974,304	11/19/97	08/21/98	009392/0059
UTSC:525	09/086,663	05/29/98	09/01/98	009440/0405
UTSC:531	09/074,274	05/07/98	07/13/98	009317/0284
UTSC:538	08/869,386	06/05/97	10/26/92	006371/0957
UTSC:556	6,197,754	03/06/01	08/17/98	009404/0208
UTSC:567	5,977,327	11/02/99	03/11/98	009031/0504
UTSC:582	09/116,049	07/15/98	09/22/98	009510/0759
UTSC:584USC2	09/122,427	07/24/98	10/30/95	007760/0723
UTSC:586	09/162,631	09/28/98	03/22/99	009834/0479
UTSC:587	09/168,799	10/08/98	04/14/97	008476/0847
UTSC:593	09/258,854	02/26/99	05/03/99	009947/0164
UTSC:594	09/224,558	12/30/98	03/30/99	009858/0611
UTSC:609	09/378,874	08/23/99	01/04/99	010357/0733
UTSC:634	5,487,394	01/30/96	09/15/94	007145/0478

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTSC:635	5,555,283	09/10/96	08/25/95	007614/0570
UTSC:636	5,686,061	11/11/97	04/11/94	006999/0155
UTSC:637	09/431,547	10/29/99	03/27/00	010727/0553
UTXC:462	5,825,031	10/20/98	02/10/97	008339/0633
UTXC:474	5,858,192	01/12/99	01/27/97	008325/0939
UTXC:475	5,993,630	11/30/99	05/09/96	007932/0701
UTXC:476	5,888,370	03/30/99	05/09/96	007932/0719
UTXC:483	08/679,437	07/08/96	10/16/96	008373/0887
UTXC:488	09/101,509	06/21/99	06/24/99	010039/0566
UTXC:492	5,968,737	10/19/99	05/22/97	008536/0812
UTXC:495	6,165,484	12/26/00	11/09/98	009574/0700
UTXC:495USC1	09/680,061	10/04/00	11/09/98	009574/0700
UTXC:504	08/726,211	10/04/96	01/30/97	008323/0609
UTXC:505	6,100,254	08/08/00	04/20/98	009140/0816
UTXC:541	09/139,521	11/10/98	11/10/98	009574/0565
UTXC:557	09/008,380	01/16/98	05/22/97	008536/0812
UTXC:561	09/440,772	11/16/99	03/13/00	010700/0470
UTXC:569	09/249,955	02/12/99	05/17/99	009962/0739
UTXC:585	09/271,013	03/17/99	05/21/99	009973/0108
UTXC:591	09/432,190	11/02/99	03/27/00	010714/0285
UTXC:601	09/244,370	02/04/99	07/26/99	010112/0606
UTXC:603	5,993,632	11/30/99	05/09/96	007932/0719
UTXC:603—1	09/395,890	09/14/99	05/09/96	007932/0719
UTXC:627	09/434,313	10/25/99	03/20/00	010700/0334

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
UTXC:642	09/449,170	11/24/99	05/08/00	010798/0180

I hereby revoke all power of attorney heretofore given and hereby appoint:

Louis T. Pirkey, Reg. No. 22,393; Richard J. Groos, Reg. No. 32,231; David L. Parker, Reg. No. 32,165; William G. Barber, Reg. No. 33,154; David D. Bahler, Reg. No. 30,932; Stephen D. Dellett, Reg. No. 32,564; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Teresa J. Schultz, Reg. No. 40,526; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Matthew Bellinger, Reg. No. 46,547;

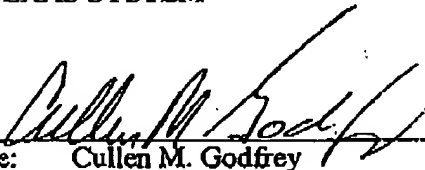
as the principal attorneys or agents, with full power of substitution, association, and revocation to prosecute said applications, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor.

Please direct all future communications regarding these applications as follows:

David L. Parker  
FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
512-536-3184

ASSIGNEE:

BOARD OF REGENTS, THE UNIVERSITY  
OF TEXAS SYSTEM

By:   
Name: Cullen M. Godfrey  
Title: Vice Chancellor and General  
Counsel

Date: May 25, 2001

25032043.1